



ITW

PATENT  
Attorney Docket No. 57868

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: COHEN ET AL.

Application No. 10/777,607

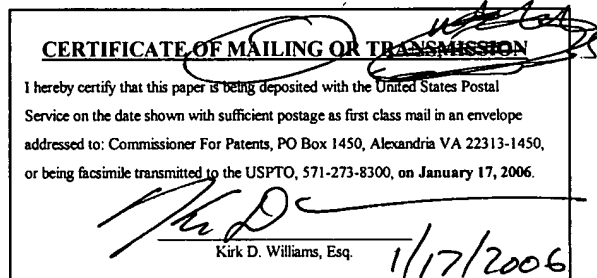
Group Art Unit: 2183

Confirmation No. 4630

Examiner: TBD

Filed: February 11, 2004

For: RATE COMPUTATIONS OF PARTICULAR  
USE IN SCHEDULING ACTIVITIES OR  
ITEMS SUCH AS THE SENDING OF  
PACKETS



**INFORMATION DISCLOSURE STATEMENT - A**

Commissioner for Patents  
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 are submitted for consideration by the Examiner in the examination of the above-identified patent application. The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form PTO-1449, thereby indicating the Examiner's consideration of each of the references.

A bona fide attempt is made to comply with §§ 1.97-98. The filing of this information disclosure statement should not be construed as a representation that a search has been made, nor is it to be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b). Additionally, the submission of this IDS is for the purpose of providing a complete record and is not a concession that the references are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so. Furthermore, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

**The Information Disclosure Statement is being filed:**



Under § 1.97(b): (1) within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); (2) within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.



Under § 1.97(c): after (1), (2), or (3) above (i.e., after paragraph (b)) and before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and is accompanied by:



the statement specified in 37 C.F.R. § 1.97(e):



Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or



That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.



the fee set forth in 37 C.F.R. § 1.17(p) (see "Fees" below).



Under § 1.97(d): after the period specified in § 1.97(c) and before payment of the issue fee, and is accompanied by:



the statement specified in 37 C.F.R. § 1.97(e):



Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or



That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.



the fee set forth in 37 C.F.R. § 1.17(p) (see "Fees" below).

### Copies Of The References



Enclosed herewith are copies of the references listed on the enclosed Form PTO-1449. A concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information, of each patent, publication, or other information listed that is not in the English language is included either separate from applicant's specification or incorporated therein.

Furthermore, a copy of the translation of a non-English language reference is included herewith if a written English-language translation of a non-English-language document, or portion thereof, is within the possession, custody, or control of, or is readily available to any individual designated in § 1.56(c).



A copy of a foreign search report is enclosed herewith.



Copies of one or more cited pending US Applications are not provided as the application(s) are in the Image File Wrapper (IFW) system. As such, copies are not required per *Waiver of the Copy Requirement in 37 CFR 1.98 for Cited Pending US Patent Application*, 1287 Off. Gaz. Pt. Office 163 (October 19, 2004).



Per 37 C.F.R. § 1.98(d), copies of the references listed on the enclosed Form PTO-1449 are not provided as they were previously submitted to, or cited by, the Office in an earlier application, and (1) the earlier application is properly identified in the information disclosure statement and is relied on for an earlier effective filing date under 35 U.S.C. 120; and (2) the information disclosure statement submitted in the earlier application complies with paragraphs (a) through (c) of this 37 C.F.R. § 198. The details of the parent application(s) relied upon for an earlier filing date under 35 U.S.C. § 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

In re COHEN ET AL.  
Application No. 10/777,607

**Fees**



**No fee is owed by the applicant(s).**



The IDS Fee of \$180.00 was already paid today with the submission of an electronic Information Disclosure Statement (eIDS) Filed today with ePAVE, so NO additional fee is believed due. A copy of the eIDS fee transmittal is included herewith.



The IDS Fee of \$180.00 is due. (Fee code 126.)



Please charge my credit card for the fees due (form PTO-2038 included herewith).



Charge Deposit Account No. 501430 in the amount of \$180.

**Authorization To Charge Additional Fees and Credit any Overpayment**



If any additional fees are owed in connection with this communication, please charge Deposit Account No. 501430.



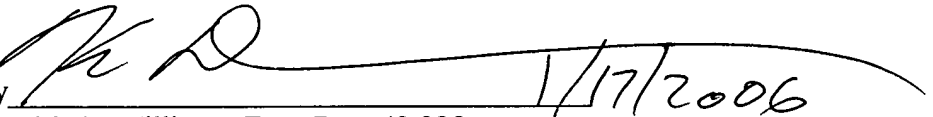
Credit Account No. 501430 for any overpayment in connection with this communication.

Date: January 17, 2006

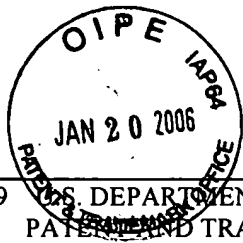
Respectfully submitted,

The Law Office of Kirk D. Williams

By



Kirk D. Williams, Esq., Reg. 42,229  
Customer Number 26327  
1234 S. OGDEN ST  
DENVER, CO 80210-1713  
303-282-0151  
303-778-0748 (facsimile)



FORM PTO-1449  
MODIFIED

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	10/777,607
Filing Date	February 11, 2004
First Named Inventor	Earl Cohen
Group Art Unit	2183
Examiner Name	TBD
Attorney Docket No.	57868

Sheet 1 of 1

### OTHER DOCUMENTS

EXAMINER'S INITIALS	Cite No.	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AA	CAMRASS ET AL., "Encoding Message Lengths for Data Transmission," IEEE Transactions of Information Theory, Vol. IT-24, No. 4, July 1978.
	AB	ALAN HUANG, "An Optical Residue Arithmetic Unit, International Conference on Computer Architecture," Proceedings of the 5th Annual Symposium on Computer Architecture, pp. 17-23, ACM Press, 1978.
	AC	WITTEN ET AL., "Arithmetic Coding for Data Compression," Communications of the ACM, Vol. 30, Issue 6, pp. 520-40, ACM Press, June 1987.
	AD	JEAN-YVES LE BOUDEC, "Some Properties of Variable Length Packet Shapers," IEEE/ACM Transactions on Networking, Vol. 10, No. 3, June 2002.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--